

WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

September 24, 2007

OK

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *pgl*

FROM: David Darby, Senior Reclamation Specialist *[Signature]*

RE: 2004, 4th Quarter Water Monitoring, Utah American Energy Company, Horse Canyon Mine, C/007/0013-WQ04-4, Task ID #2139

1. Was data submitted for all of required sites?

This report was prepared based on information in File: O:\007013.hc\Water Quality\datacheck2000-2006.xls. The reclamation water monitoring schedules for surface (Table-1) and groundwater (Table 3) at the Horse Canyon Mine is identified in Appendix VI-5.

Springs The operational data submitted to the Division Database shows Horse Canyon spring monitoring site RS-2 to be the only spring monitored and reported.

YES [X] NO [] All springs were monitored according to the schedule and data submitted.

Streams Surface Water sites at the Horse Canyon Mine consist of H-1, B-1, RF-1. They are monitored for flow and chemistry once each calendar quarter.

YES [X] NO [] All required stream sites were monitored for the quarter.

Wells There are no operational monitoring wells on the Horse Canyon Mine.

YES [] NO [] N/A

UPDES Sedimentation Pond #1 and #2 are operational and monitored monthly.

YES [X] NO []

2. Were all required parameters reported for each site?

Springs YES ☒ NO ☐ The parameters outlined in the approved monitoring plan were analyzed and submitted.

Streams YES ☒ NO ☐ No flows were reported at RF-1 and B-1. Flow was reported for H-1. All parameters listed in the MRP were reported. The parameters outlined in the approved monitoring plan were analyzed and submitted.

Wells YES ☐ NO ☐ NA

UPDES YES ☒ NO ☐ No discharge was reported for the quarter.

3. Were irregularities found in the data?

Springs YES ☐ NO ☒

Streams YES ☐ NO ☒

Wells YES ☐ NO ☐ NA

UPDES YES ☐ NO ☒

4. On what date does the MRP require a five-year resampling of baseline water data.

Re-sampling due date is July 2009.

5. Based on your review, what further actions, if any, do you recommend?

None

Does the Mine Operator need to submit more information to fulfill this quarter's monitoring requirements? ☐ Yes ☒ No

A copy of the data file will be emailed to the Mine Operator and DOGM Mine Inspector.

6. Follow-up from last quarter, if necessary.

Did the Mine Operator submit all the missing and/or irregular data (datum)?

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None required. This report and the previous report were delayed to facilitate the permit review process.

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